REMARKS

The Office Action dated October 6, 2003 has been carefully considered. Claims 1-9 and 11-14 have been amended. Claims 1-29 are in this application.
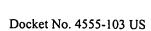
Claims 15-29 are allowed.

Claims 1-14 were rejected under 35 U.S.C. § 102 as anticipated by Fox et al. Applicants submit that the teachings of this reference do not disclose or suggest the invention defined by the present claims.

Fox et al. disclose a method and apparatus for maintaining security in a push server. An information service provider initiates a request to a push server to send notification to a wireless client. The request also includes a certificate for the information service provider. The push server authenticates the request for the information service provider by verifying the certificate. After, performing the security check, the push server processes the notification request.

The present invention is directed to a method and system for providing pull and push services to optimize performance by minimizing delay and maximizing hit ratio.

In contrast to the invention defined by the present claims, Fox et al. do not teach or suggest reducing access latency by prefetching documents into a cache of at least one proxy gateway by using at least one factor of access of mobile users to the pull content, an update cycle of the pull content and a response delay for fetching the pull content. As described on page 3, lines 27-30 of the present application, the method and system of the present invention use prefetching to optimize <u>performance</u> of the pull services by reducing access latency. In contrast, Fox et al. is directed to a secure push server and pushing information only if a certificate was validated. However, Fox et al. do not teach or suggest reducing access latency to improve performance for the pull services by prefetching documents based on the frequency of access to the document, an update cycle of the pull content or response delay for fetching the pull content. Moreover, there is no prefetching of documents for reducing access latency described in Fox et al. Rather, push data in Fox et al. is based on web page subscriptions and updates to particular web pages which are pushed from the push server only after a push request has been certified, but not prefetched based on any factors in order to optimize performance.

Accordingly, Fox et al. do not teach or suggest all of the features of the present invention and the present invention is not anticipated by Fox et al.

In view of the foregoing, Applicants submit that all pending claims are in condition for allowance and request that all claims be allowed. The Examiner is invited to contact the undersigned should he believe that this would expedite prosecution of this application. It is believed that no fee is required. The Commissioner is authorized to charge any deficiency or credit any overpayment to Deposit Account No. 13-2165.

Respectfully submitted,

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